



INFLUENZA REPORT

2022-2023 Influenza Season

MMWR Week 11 (3/12/23-3/18/23)

Weekly Report of Influenza and Influenza-like Illness (ILI) Activity



Influenza and Influenza-like Illness Activity

Spread

Sporadic

Transmission continues to decrease in most counties

Flu Activity

Minimal

Activity continues to decline across the state

ILI Activity

Minimal

Reports of outpatient respiratory illnesses continue to trend down

Co-circulating

Other Viruses:

SARS-CoV-2
RSV

Seasonal Data

Types of Flu

Influenza A and B viruses are circulating

Subtypes

Primary: A/H3

Predominately H1N1 viruses reported across the country this week

Outbreaks

0

No LTCF or school associated outbreaks reported

Severity

Inpatients

Hospitalizations continue to decline across the country

Deaths

0

No locally reported pediatric deaths; 134 total pediatric deaths across the country this season

Syndromic

3

Syndromic anomalies reported in Laramie and Fremont counties

EMS

14

Suspected ILI reports this week

Hot Spots

Tracking Trends

Within local case counts



Geographic Activity by Regions

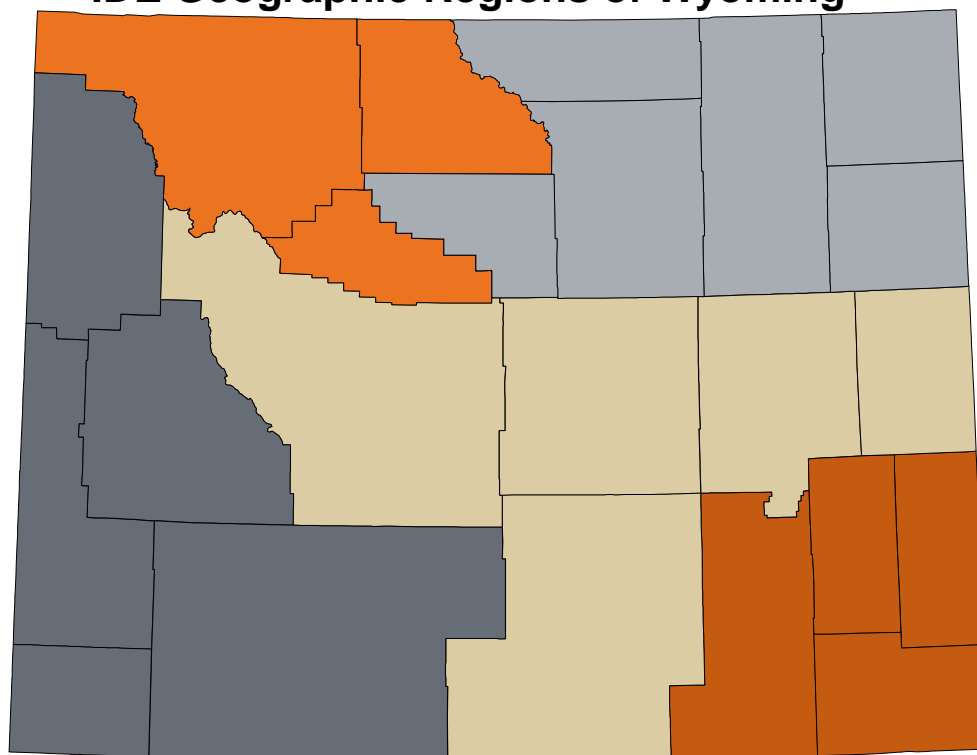
Wyoming as a whole had **sporadic activity** this week (MMWR Week 11). Transmission levels have continued to decline across the state.






Healthcare providers in **8** counties reported ILI activity.

The electronically reported influenza cases represent **four** Infectious Disease Epidemiology (IDE) Geographic Regions.

Healthcare providers across the state electronically reported **28** influenza cases (rapid influenza diagnostic tests and PCR confirmed tests) this week.

IDE Geographic Regions of Wyoming



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|  Southeastern (sporadic , with cases only reported in Albany County) |  Central (sporadic , with cases reported in Fremont and Natrona counties) |  Western (local , with cases reported in Teton and Sweetwater counties) |
|  Big Horn (no reported cases this week) |  Northeastern (sporadic with cases reported in Campbell, Crook and Sheridan counties) | |



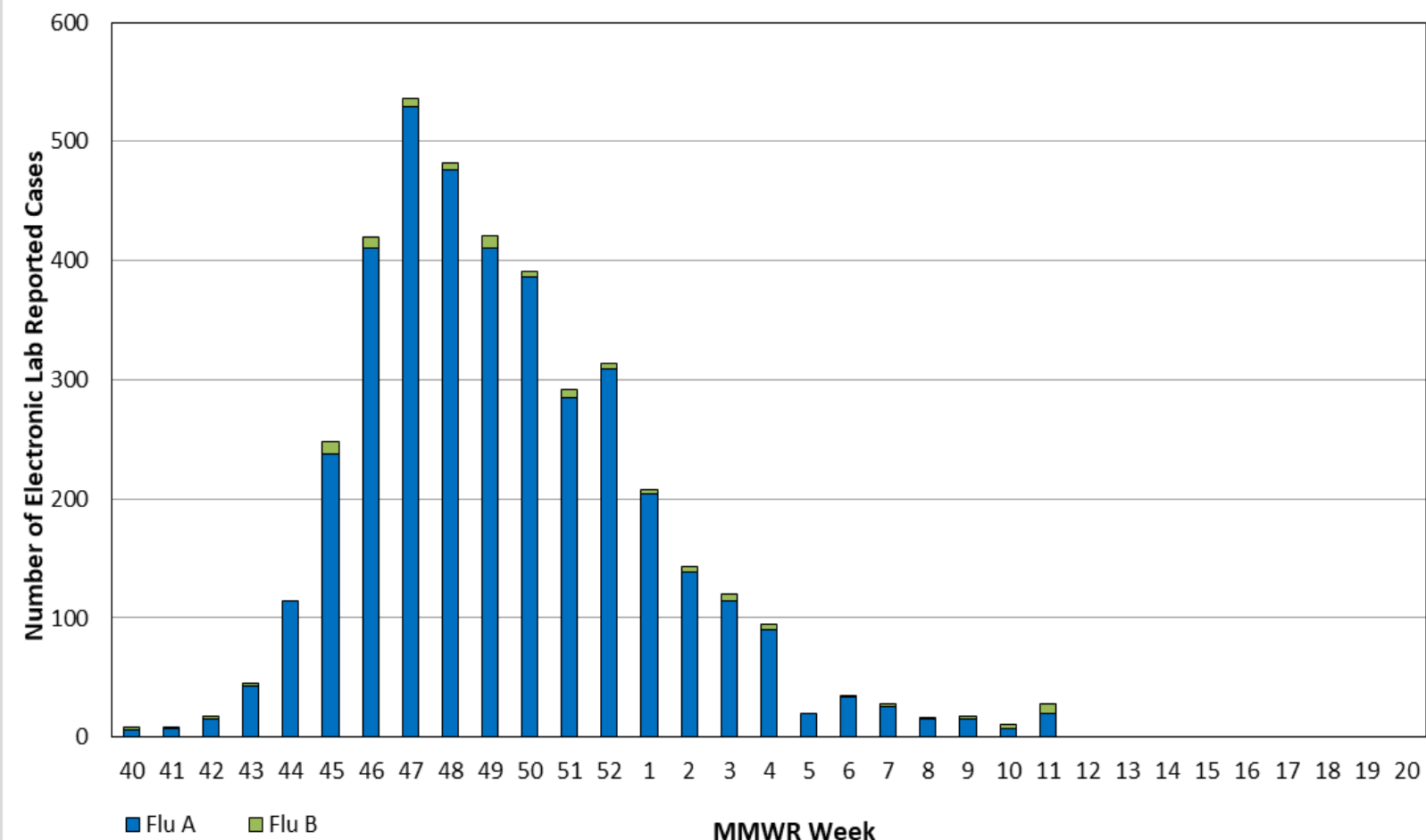
Public Health Laboratory

The overall volume of samples tested for influenza at the Wyoming Public Health Laboratory has increased since the introduction of the CDC Influenza SARS-CoV-2 Multiplex Assay. Wyoming saw an **increase** in the number of positive influenza specimens reported this week compared to week 10.

Healthcare and Clinical Laboratories

Clinical laboratories most frequently reported **Influenza A/H1N1 viruses** during MMWR Week 11, with a handful of Influenza A/H3N2 viruses and Influenza B viruses.

Electronic Lab Reports of Influenza Cases



* This graph is not representative of all influenza cases across the state

Influenza-like Illness Surveillance



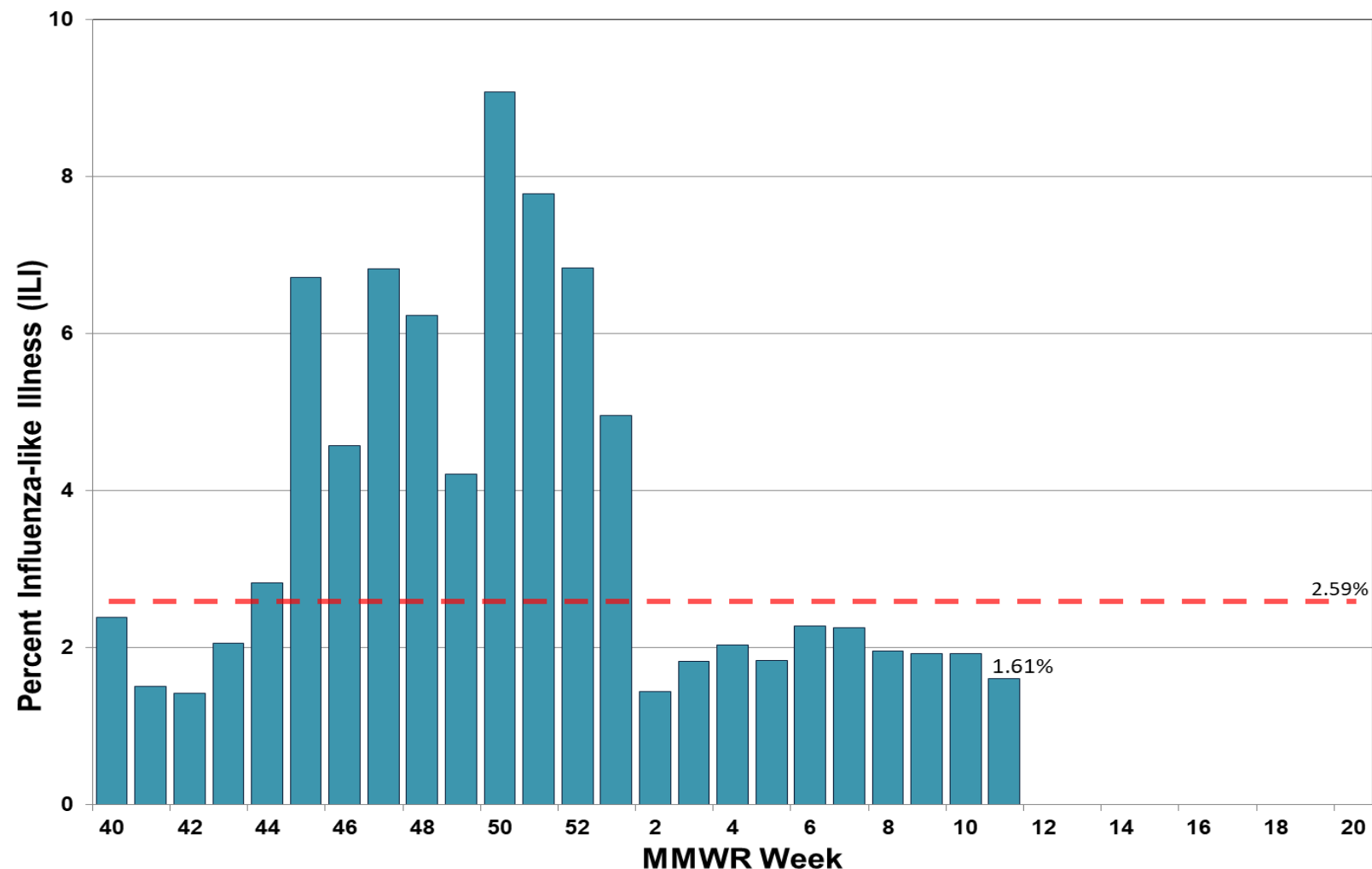
ILINet Providers

The percent of patient visits to ILINet Sentinel Providers for influenza-like illness was **1.61%**, which is **below** Wyoming's baseline (**2.59%**), and **slight decrease** from week 10.

The Wyoming Department of Health received reports from **less than 50%** of the ILINet providers across the state. Therefore, the weekly percentages could change as values are submitted.

Key Updates: Nationally, outpatient respiratory illness is below baseline, and seven of the 10 HHS regions are below their respective baselines this week. Based on CDC calculations, transmission within Wyoming remained **minimal** this week. Seasonal influenza activity also remains low nationally.

Weekly Percent of ILI Visits





Mortality Data

Tracking death certificates is the best surveillance system to capture and identify pneumonia and influenza-associated deaths in Wyoming. According to the CDC, influenza is infrequently listed on death certificates. Also, testing for seasonal influenza infections is not frequently performed, particularly among the elderly, who are at greatest risk for seasonal influenza complications and death. Therefore, public health officials may not identify influenza-associated deaths in many instances; consequently, this surveillance system may underestimate the true impact of influenza-associated deaths in the state.

There have been **51 pneumonia and influenza (P&I) mortality reports** certified since the beginning of the 2022-2023 Influenza Season.

Monthly P&I Mortality Reports (2017-2023)

